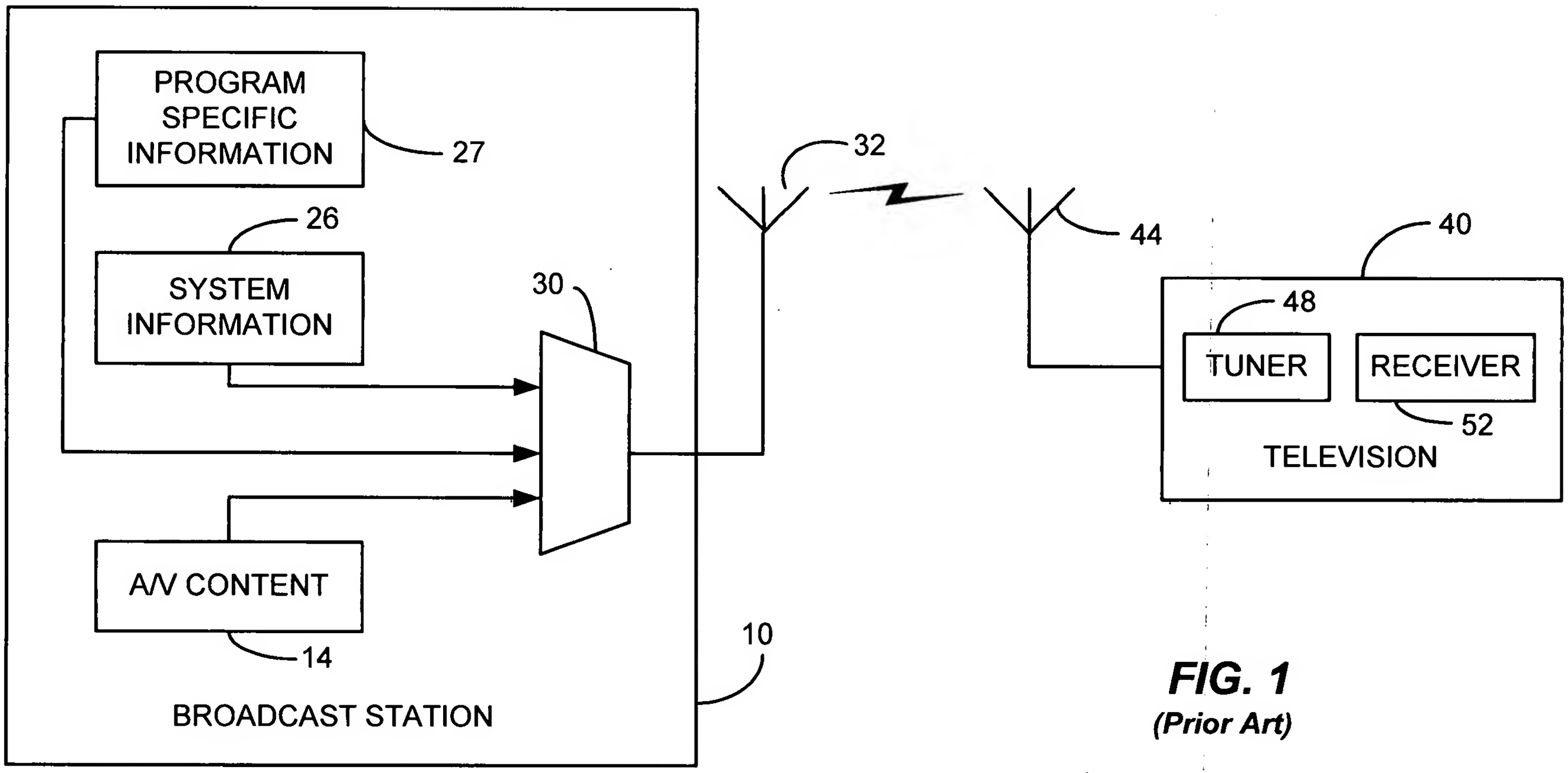

FIG. 1
(Prior Art)

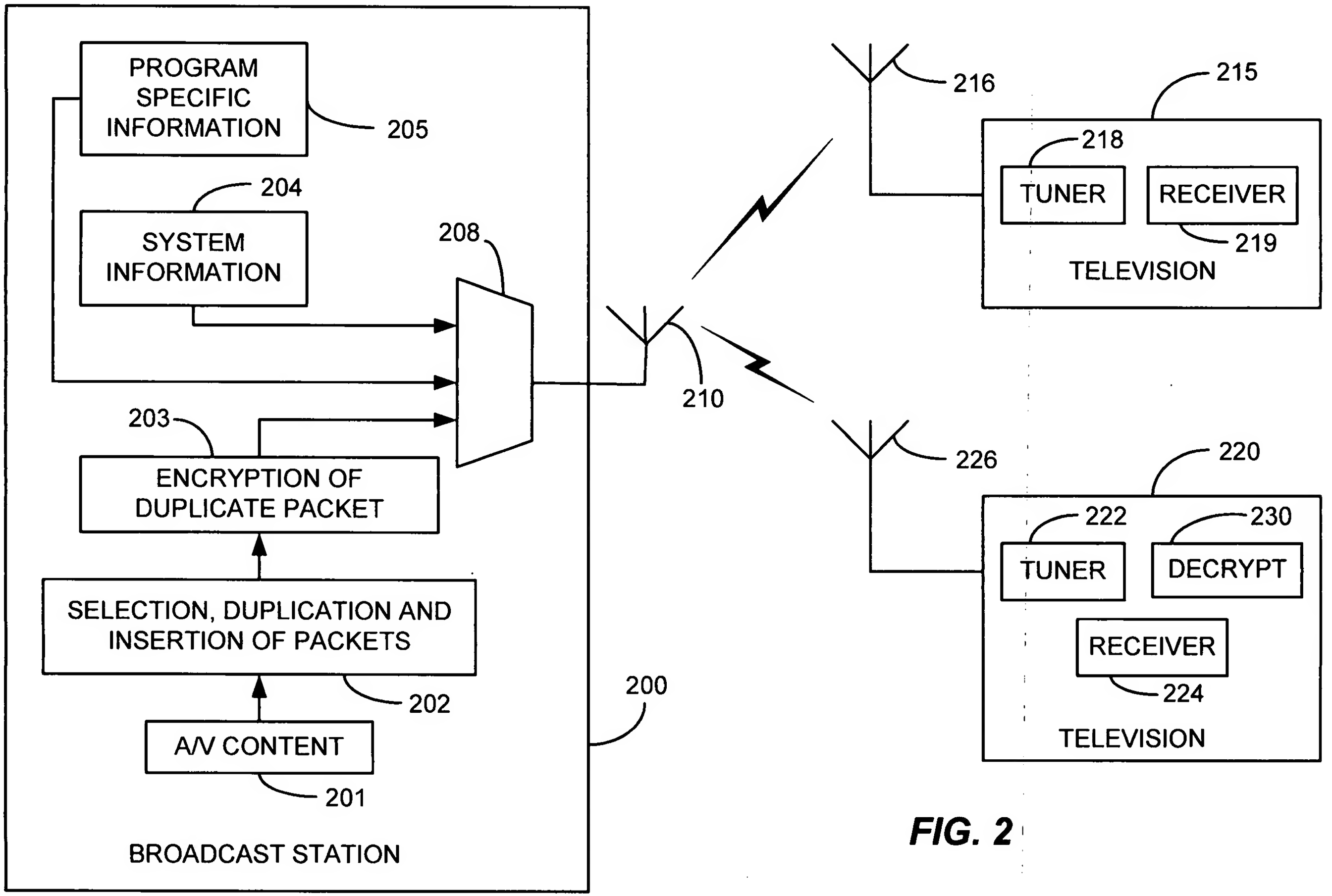
PROGRAM SPECIFIC INFORMATION
205
204
SYSTEM INFORMATION
208
203
ENCRYPTION OF DUPLICATE PACKET
SELECTION, DUPLICATION AND INSERTION OF PACKETS
202
A/V CONTENT
201
BROADCAST STATION
200
210
216
215
218
TUNER
RECEIVER
219
TELEVISION
226
220
222
230
TUNER
DECRYPT
RECEIVER
224
TELEVISION

FIG. 2

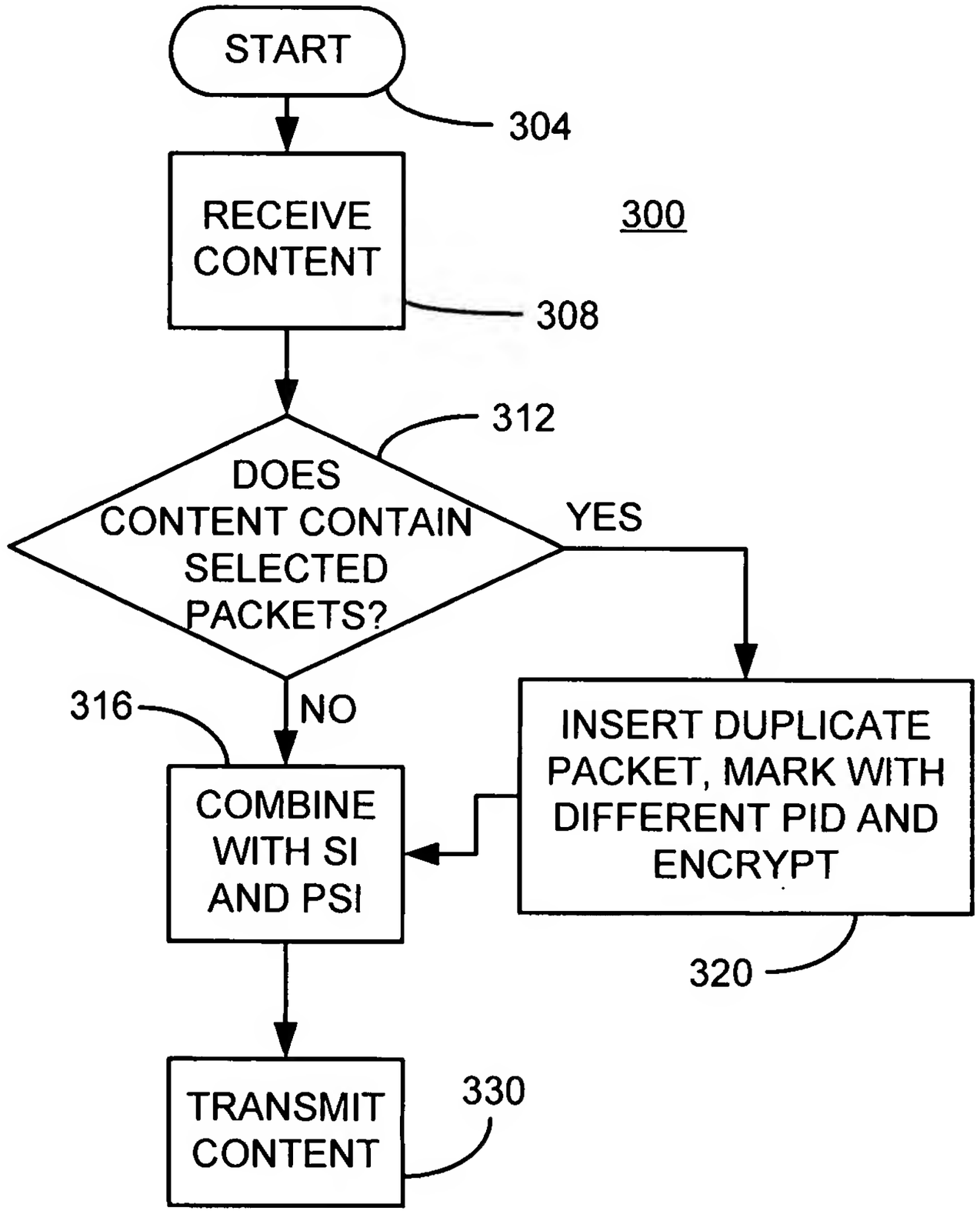
START
304
RECEIVE CONTENT
300
308
312
DOES CONTENT CONTAIN SELECTED PACKETS?
YES
NO
316
INSERT DUPLICATE PACKET, MARK WITH DIFFERENT PID AND ENCRYPT
320
COMBINE WITH SI AND PSI
TRANSMIT CONTENT
330

FIG. 3

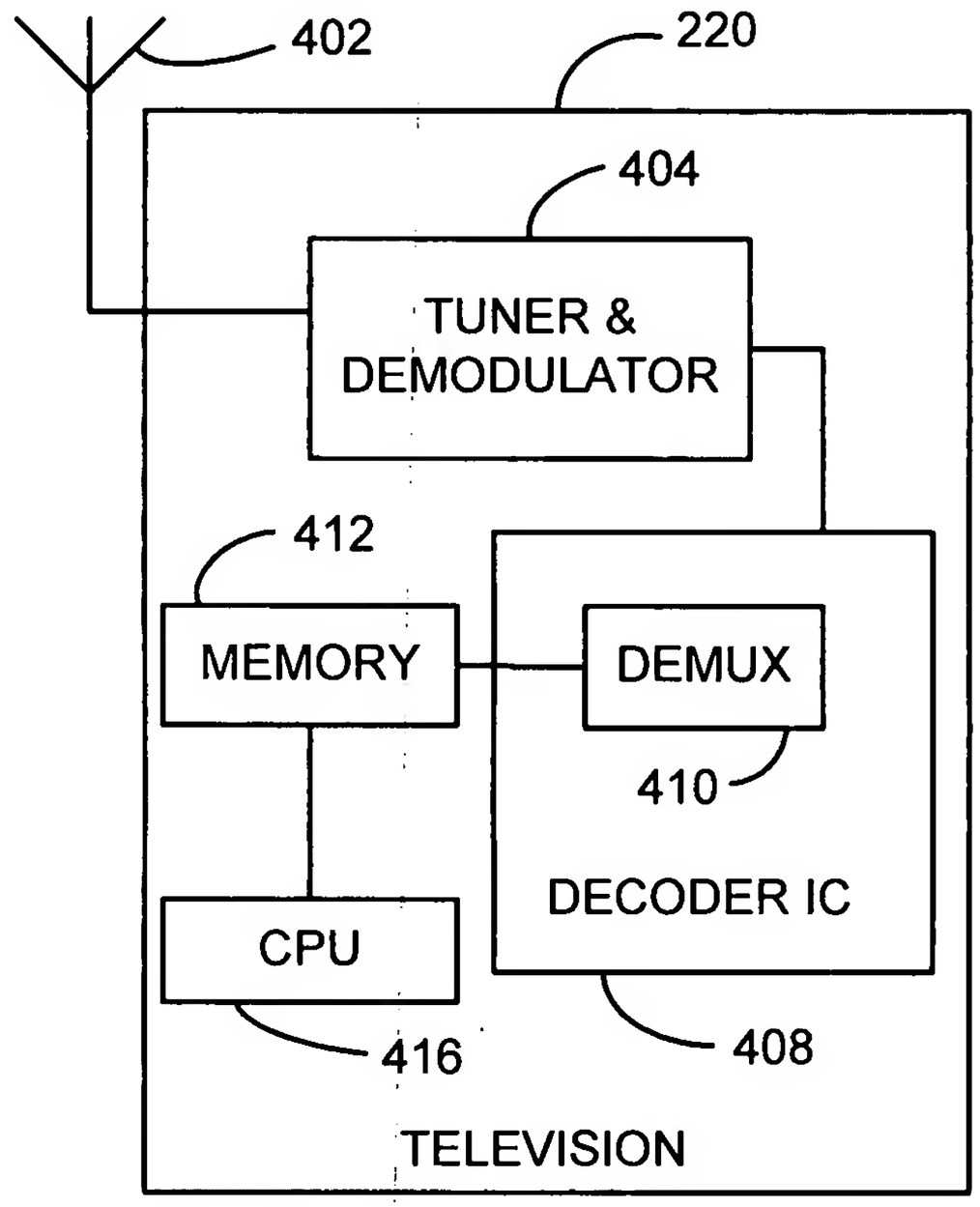
402
220
404
TUNER & DEMODULATOR
412
MEMORY
DEMUX
410
DECODER IC
CPU
416
408
TELEVISION

FIG. 4

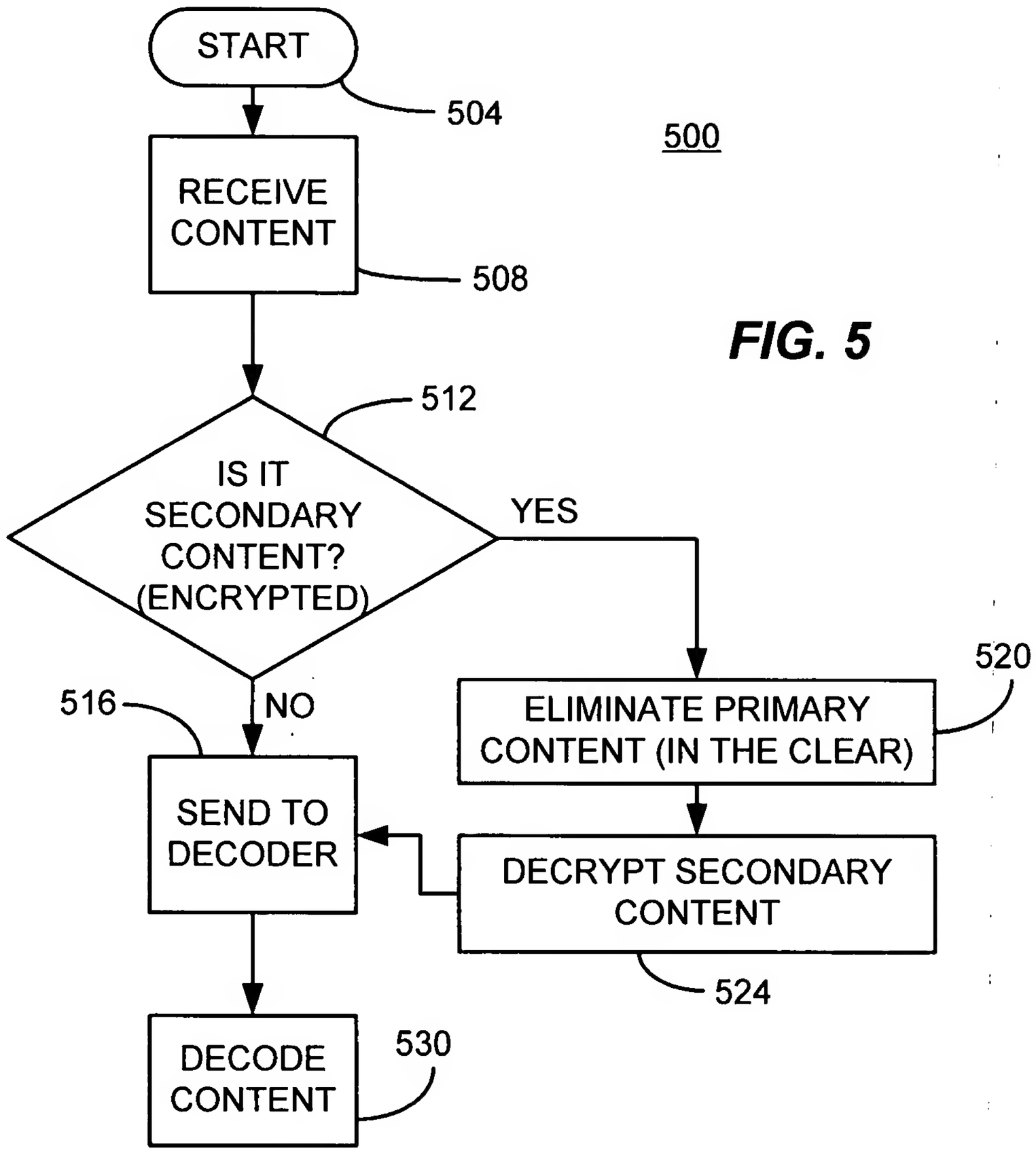
START
504
500
RECEIVE CONTENT
508
512
IS IT SECONDARY CONTENT? (ENCRYPTED)
YES
520
ELIMINATE PRIMARY CONTENT (IN THE CLEAR)
516
NO
SEND TO DECODER
DECRYPT SECONDARY CONTENT
524
DECODE CONTENT
530

FIG. 5